

STA. 432+83.12

335

SECTION

119R-2

TOTAL SHEET NO.

439 20

60B01

COUNTY.

LAKE

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

TO STA, 470+56.84

LEGEND:

2

6

- 1 PORTLAND CEMENT CONCRETE PAVEMENT 101/4" (JOINTED)
 - PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
- 3 AGGREGATE SUBGRADE 12"
 - 3" CA-6 AGGREGATE CAP (THICKNESS VARIES UNDER SHOULDER) (SEE NOTE 2)
- 30
- 36) 9" POROUS GRANULAR EMBANKMENT (SEE NOTE 2)
- STABILIZED SUBBASE HOT-MIX ASPHALT, 3" (PER ISTHA DESIGN) 4
- HOT-MIX ASPHALT SHOULDERS, 6" (5)
 - CONCRETE MEDIAN, TYPE SB-6.12
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 7
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 8
- 9 GUTTER, TYPE G-2
- CONCRETE MEDIAN SURFACE, 4 INCH (10)
- 13/4" POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F" N90 (11)
- 1" LEVELING BINDER, (MACHINE METHOD), N70 (12)
- (13) PORTLAND CEMENT CONCRETE PAVEMENT 101/4" OR MATCH EXISTING
- SUB-BASE GRANULAR MATERIAL, TYPE B 4" 14)
- TOPSOIL, 4", SEEDING AND EROSION CONTROL BLANKET (SEE LANDSCAPING PLANS) (15)
- STEEL PLATE BEAM GUARDRAIL OR TRAFFIC BARRIER TERMINAL, TYPE VARIES (16)
- (17) TEMPORARY PAVEMENT
- (18) AGGREGATE SHOULDER, TYPE B 4"
- (19) PIPE UNDERDRAIN 6"
- PORTLAND CEMENT CONCRETE BASE COURSE, 101/4" 20)
- (21)
- GEOTECHNICAL FABRIC FOR GROUND STABILIZATION (SHALL NOT CROSS UNDERDRAIN TRENCHES)
- TOPSOIL, 4" AND SODDING (SEE LANDSCAPING PLANS)

LEGEND APPLIES TO PROPOSED TYPICAL SECTION SHEETS 1-4 OF 5 ONLY.

IDOT HOT-MIX ASPHALT MIXTURE REQUIREMENTS

TEM	AC TYPE	AIR VOIDS	
RESURFACING/PAVEMENT WIDENING			
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL-9.5mm)	SBS/SBR 76-22	4%@90 Gyr	
LEVELING BINDER (MACHINE METHOD), N70 (IL-9.5mm)	PG 64-22*	4%@70 Gyr	
HOT-MIX ASPHALT SHOULDERS, 6"	PG 64-22*	2%@30 Gyr	
TEMPORARY PAVEMENT (HMA OPTION)			
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5mm) (2")	PG 64-22	4%@70 Gyr.	
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19.0mm) (8")	PG 64-22*	4%@50 Gyr.	

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LB/SQ YD/IN. USE 135 LB/SQ YD/IN. IF USING A SMA MIX.

* WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.

CHART APPLIES TO PROPOSED TYPICAL SECTION SHEETS 1-4 OF 5 ONLY.

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		SCALE:	NONE		Di	RAWN BY:	CBS

DATE: MAY 8, 2007

CHECKED BY: MPG